GenCore version 4.5

OM protein - protein search, using sw model

Run on: April 24, 2002, 09:08:12 ; Search time 64.23 Seconds
(without alignments)
56.407 Million cell updates/sec

Title: US-09-525-998A-2_COPY_41_201
Perfect score: 941
Sequence: 1 DSVCPQGKYIHPQNNSICCT.....CSNCKKSLECIKLCLPQIEN 161

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
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5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	941	100.0	161	4	US-09-326-394-2	Sequence 2, Appli
2	941	100.0	280	3	US-08-974-022-46	Sequence 46, Appl
3	941	100.0	280	4	US-08-795-445A-46	Sequence 46, Appl
4	941	100.0	280	4	US-08-795-447A-46	Sequence 46, Appl
5	941	100.0	280	4	US-08-974-186-46	Sequence 46, Appl
6	941	100.0	280	4	US-08-795-446A-46	Sequence 46, Appl
7	941	100.0	336	4	US-08-804-166-8	Sequence 8, Appli
8	941	100.0	336	4	US-08-910-991-8	Sequence 8, Appli
9	941	100.0	455	1	US-08-050-319B-25	Sequence 25, Appl
10	941	100.0	455	1	US-08-321-668-2	Sequence 2, Appli
11	941	100.0	455	1	US-08-837-941-2	Sequence 2, Appli
12	941	100.0	455	2	US-08-120-036-2	Sequence 2, Appli
13	941	100.0	455	2	US-08-465-982-25	Sequence 25, Appl
14	941	100.0	455	4	US-08-815-469-5	Sequence 5, Appli
15	941	100.0	455	4	US-09-006-353A-3	Sequence 3, Appli
16	928	98.6	285	4	US-08-804-166-6	Sequence 6, Appli
17	928	98.6	285	4	US-08-910-991-6	Sequence 6, Appli
18	925.5	98.4	453	4	US-09-086-483A-5	Sequence 5, Appli
19	924	98.2	199	1	US-08-050-319B-48	Sequence 48, Appl
20	924	98.2	199	2	US-08-465-982-48	Sequence 48, Appl
21	900	95.6	153	2	US-08-219-237B-4	Sequence 4, Appli
22	900	95.6	153	4	US-08-477-347-12	Sequence 12, Appl
23	900	95.6	153	4	US-08-476-862-3	Sequence 3, Appli
24	900	95.6	153	4	US-08-468-560C-4	Sequence 4, Appli
25	873	92.8	151	2	US-08-232-087A-10	Sequence 10, Appl
26	842.5	89.5	266	4	US-08-804-166-2	Sequence 2, Appli
27	842.5	89.5	266	4	US-08-910-991-2	Sequence 2, Appli
28	837	88.9	307	4	US-08-804-166-4	Sequence 4, Appli
29	837	88.9	307	4	US-08-910-991-4	Sequence 4, Appli
30	746	79.3	167	1	US-08-050-319B-2	Sequence 2, Appli
31	746	79.3	167	1	US-08-050-319B-57	Sequence 57, Appl
32	746	79.3	167	2	US-08-465-982-2	Sequence 2, Appli
33	746	79.3	167	2	US-08-465-982-57	Sequence 57, Appl
34	731	77.7	124	1	US-08-050-319B-4	Sequence 4, Appli
35	731	77.7	124	2	US-08-465-982-4	Sequence 4, Appli
36	680	72.3	157	1	US-08-050-319B-50	Sequence 50, Appl
37	680	72.3	157	2	US-08-465-982-50	Sequence 50, Appl
38	654.5	69.6	158	1	US-08-050-319B-54	Sequence 54, Appl
39	654.5	69.6	158	2	US-08-465-982-54	Sequence 54, Appl
40	640	68.0	153	1	US-08-050-319B-52	Sequence 52, Appl
41	640	68.0	153	2	US-08-465-982-52	Sequence 52, Appl
42	429	45.6	74	4	US-08-866-545-1	Sequence 1, Appli
43	357	37.9	62	4	US-08-964-446A-17	Sequence 17, Appl
44	249	26.5	40	1	US-08-050-319B-26	Sequence 26, Appl
45	249	26.5	40	2	US-08-465-982-26	Sequence 26, Appl

ALIGNMENTS

RESULT 1
US-09-326-394-2
; Sequence 2, Application US/09326394
; Patent No. 6306820
; GENERAL INFORMATION:
; APPLICANT: Bendele, Alison M.
; APPLICANT: Sennello, Regina M.
; APPLICANT: Edwards, Carl K.
; TITLE OF INVENTION: COMBINATION THERAPY USING A TNF BINDING
; TITLE OF INVENTION: PROTEIN FOR TREATING TNF-MEDIATED DISEASES
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: 1840 DeHavilland Drive
; CITY: Thousand Oaks
; STATE: CA
; COUNTRY: US
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/326,394
; FILING DATE: 08-DEC-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/032,587
; FILING DATE: 06-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/036,355
; FILING DATE: 23-JAN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/039,315
; FILING DATE: 07-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/052,023
; FILING DATE: 09-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Yindrick, Thomas K.
; REGISTRATION NUMBER: 32,185
; REFERENCE/DOCKET NUMBER: A-430D
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 161 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-326-394-2

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  Query Match             100.0%;  Score 941;  DB 4;  Length 161;
  Best Local Similarity   100.0%;  Pred. No. 1.4e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Qy      61 SCSKCRKEMCQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
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Db      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161


RESULT   2
US-08-974-022-46
; Sequence 46, Application US/08974022
; Patent No. 6015938
;  GENERAL INFORMATION:
;    APPLICANT:  Boyle, Willaim J.
;    APPLICANT:  Lacey, David L.
;    APPLICANT:  Calzone, Frank J.
;    APPLICANT:  Chang, Ming-Shi
;    TITLE OF INVENTION:  OSTEOPROTEGERIN
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  1840 Dehavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/974,022
;      FILING DATE:  12-DEC-1995
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/577,788
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Winter, Robert B.
;      REFERENCE/DOCKET NUMBER:  A-378
;  INFORMATION FOR SEQ ID NO:  46:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  280 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-974-022-46


  Query Match             100.0%;  Score 941;  DB 3;  Length 280;
  Best Local Similarity   100.0%;  Pred. No. 2.3e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Db      41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT   3
US-08-795-445A-46
; Sequence 46, Application US/08795445A
; Patent No. 6284485
;  GENERAL INFORMATION.
;    APPLICANT:  Boyle, Willaim J.
;    APPLICANT:  Lacey, David L.
;    APPLICANT:  Calzone, Frank J.
;    APPLICANT:  Chang, Ming-Shi
;    TITLE OF INVENTION:  OSTEOPROTEGERIN
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  1840 Dehavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/795,445A
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/577,788
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Winter, Robert B.
;      REFERENCE/DOCKET NUMBER:  A-378
;  INFORMATION FOR SEQ ID NO:  46:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  280 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-795-445A-46


  Query Match             100.0%;  Score 941;  DB 4;  Length 280;
  Best Local Similarity   100.0%;  Pred. No. 2.3e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Db      41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
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Db     101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT   4
US-08-795-447A-46
; Sequence 46, Application US/08795447A
; Patent No. 6284728
;  GENERAL INFORMATION:
;    APPLICANT:  Boyle, William J.
;    APPLICANT:  Lacey, David L.
```

```
;    APPLICANT:  Calzone, Frank J.
;    APPLICANT:  Chang, Ming-Shi
;    TITLE OF INVENTION:  Osteoprotegerin
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  One Amgen Center Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91362-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/795,447A
;      FILING DATE:
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Winter, Robert B.
;      REFERENCE/DOCKET NUMBER:  A-378D2
;  INFORMATION FOR SEQ ID NO:  46:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  280 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-795-447A-46


  Query Match             100.0%;  Score 941;  DB 4;  Length 280;
  Best Local Similarity   100.0%;  Pred. No. 2.3e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Db      41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
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Db     101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT   5
US-08-974-186-46
; Sequence 46, Application US/08974186
; Patent No. 6284740
;  GENERAL INFORMATION:
;    APPLICANT:  Boyle, Willaim J.
;    APPLICANT:  Lacey, David L.
;    APPLICANT:  Calzone, Frank J.
;    APPLICANT:  Chang, Ming-Shi
;    TITLE OF INVENTION:  OSTEOPROTEGERIN
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  1840 Dehavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/974,186
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/577,788
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Winter, Robert B.
;      REFERENCE/DOCKET NUMBER:  A-378
;  INFORMATION FOR SEQ ID NO:  46:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  280 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-974-186-46


  Query Match             100.0%;  Score 941;  DB 4;  Length 280;
  Best Local Similarity   100.0%;  Pred. No. 2.3e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
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Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
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Db     101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT   6
US-08-795-446B-46
; Sequence 46, Application US/08795446B
; Patent No. 6286032
;  GENERAL INFORMATION:
;    APPLICANT:  Boyle, Willaim J.
;    APPLICANT:  Lacey, David L.
;    APPLICANT:  Calzone, Frank J.
;    APPLICANT:  Chang, Ming-Shi
;    TITLE OF INVENTION:  OSTEOPROTEGERIN
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  1840 Dehavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/795,446B
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/577,788
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Winter, Robert B.
;      REFERENCE/DOCKET NUMBER:  A-378
;  INFORMATION FOR SEQ ID NO:  46:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  280 amino acids
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;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-795-446B-46


  Query Match             100.0%;  Score 941;  DB 4;  Length 280;
  Best Local Similarity   100.0%;  Pred. No. 2.3e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
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Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
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Db     101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

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Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT   7
US-08-804-166-8
; Sequence 8, Application US/08804166
; Patent No. 6193972
;  GENERAL INFORMATION:
;    APPLICANT:  Campbell, Robert K.
;    APPLICANT:  Jameson, Bradford A
;    APPLICANT:  Chappel, Scott C.
;    TITLE OF INVENTION:  HYBRID PROTEINS
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BROWDY AND NEIMARK
;      STREET:  419 Seventh Street N.W., Ste. 300
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  22207
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/804,166
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/011,936
;      FILING DATE:  20 February 1996
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Browdy, Roger L.
;      REGISTRATION NUMBER:  25,618
;      REFERENCE/DOCKET NUMBER:  CAMPBELL-2A
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202) 628-5197
;      TELEFAX:  (202) 737-3528
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  336 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-804-166-8


  Query Match             100.0%;  Score 941;  DB 4;  Length 336;
  Best Local Similarity   100.0%;  Pred. No. 2.8e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      23 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 82

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      83 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 142

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
           |||||||||||||||||||||||||||||||||||||||||
Db     143 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 183


RESULT   8
US-08-910-991-8
; Sequence 8, Application US/08910991
; Patent No. 6194177
;  GENERAL INFORMATION:
;    APPLICANT:  Campbell, Robert K.
;    APPLICANT:  Jameson, Bradford A.
;    APPLICANT:  Chappel, Scott C.
;    TITLE OF INVENTION:  HYBRID PROTEINS
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BROWDY AND NEIMARK
;      STREET:  419 Seventh Street N.W., Ste. 300
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  22207
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/910,991
;      FILING DATE:
;      CLASSIFICATION:  530
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/804,166
;      FILING DATE:  20 February 1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/011,936
;      FILING DATE:  20 February 1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  YUN, Allen C.
;      REGISTRATION NUMBER:  37,971
;      REFERENCE/DOCKET NUMBER:  CAMPBELL-2B
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202) 628-5197
;      TELEFAX:  (202) 737-3528
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  336 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-910-991-8


  Query Match             100.0%;  Score 941;  DB 4;  Length 336;
  Best Local Similarity   100.0%;  Pred. No. 2.8e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      23 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 82

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      83 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 142
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Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
           ||||||||||||||||||||||||||||||||||||||||||
Db     143 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 183


RESULT   9
US-08-050-319B-25
; Sequence 25, Application US/08050319B
; Patent No. 5633145
;  GENERAL INFORMATION:
;    APPLICANT:  M.Feldmann, P.W. Gray,
;    APPLICANT:  M.J.C. Turner, F.M Brennan
;    TITLE OF INVENTION:  Modified human TNFalpha (Tumor
;    TITLE OF INVENTION:  Necrosis Factor alpha) Receptor
;    NUMBER OF SEQUENCES:  57
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Reed & Robbins
;      STREET:  635 Bryant Street
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94301
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/050,319B
;      FILING DATE:  10-May-1993
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Robbins, Roberta L.
;      REGISTRATION NUMBER:  33,208
;      REFERENCE/DOCKET NUMBER:  5150-0030
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 617-8999
;      TELEFAX:  (415) 327-3231
;  INFORMATION FOR SEQ ID NO:  25:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  455 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-050-319B-25


  Query Match             100.0%;  Score 941;  DB 1;  Length 455;
  Best Local Similarity   100.0%;  Pred. No. 3.8e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      41 DSVCPQGKYIHPQNNSICCIKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     101 SCSKCRKEMGQVFISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
           |||||||||||||||||||||||||||||||||||||||||||
Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT  10
US-08-321-668-2
; Sequence 2, Application US/08321668
; Patent No. 5665859
;  GENERAL INFORMATION:
;    APPLICANT:  WALLACH, David
;    APPLICANT:  BRAKEBUSCH, Cord
;    APPLICANT:  VARFOLOMEEV, Eugene
;    APPLICANT:  BAIKIN, Michael
;    TITLE OF INVENTION:  MOLECULES INFLUENCING THE SHEDDING OF
;    TITLE OF INVENTION:  THE TNF RECEPTORS, THEIR PREPARATION AND THEIR USE
;    NUMBER OF SEQUENCES:  42
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BROWDY AND NEIMARK
;      STREET:  419 Seventh Street, N.W., Suite 300
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20004
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/321,668
;      FILING DATE:  12-OCT-1994
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  IL 107268
;      FILING DATE:  12-OCT-1993
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  BROWDY, Roger L.
;      REGISTRATION NUMBER:  25,618
;      REFERENCE/DOCKET NUMBER:  WALLACH-13
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-628-5197
;      TELEFAX:  202-737-3528
;      TELEX:  248633
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  455 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-321-668-2


  Query Match             100.0%;  Score 941;  DB 1;  Length 455;
  Best Local Similarity   100.0%;  Pred. No. 3.8e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      41 DSVCPQGKYIHPQNNSICCIKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     101 SCSKCRKEMGQVFISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
           |||||||||||||||||||||||||||||||||||||||||||
Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT  11
US-08-447-941-2
; Sequence 2, Application US/08447941
; Patent No. 5766917
;  GENERAL INFORMATION:
;    APPLICANT:  WALLACH, David
;    APPLICANT:  BRAKEBUSCH, Cord
;    APPLICANT:  VARFOLOMEEV, Eugene
;    APPLICANT:  BAIKIN, Michael
;    TITLE OF INVENTION:  MOLECULES INFLUENCING THE SHEDDING OF
;    TITLE OF INVENTION:  THE TNF RECEPTORS, THEIR PREPARATION AND THEIR USE
;    NUMBER OF SEQUENCES:  42
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BROWDY AND NEIMARK
;      STREET:  419 Seventh Street, N.W., Suite 300
;      CITY:  Washington
```

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;       STATE:  D.C.
;       COUNTRY:  USA
;       ZIP:  20004
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  Patentin Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/837,941
;       FILING DATE:  28-APR-1997
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 08/321,668
;       FILING DATE:  12-OCT-1994
;       APPLICATION NUMBER:  IL 107268
;       FILING DATE:  12-OCT-1993
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  BROWDY, Roger L.
;       REGISTRATION NUMBER:  25,618
;       REFERENCE/DOCKET NUMBER:  WALLACH-13
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  202-628-5197
;       TELEFAX:  202-737-3528
;       TELEX:  248633
;   INFORMATION FOR SEQ ID NO:  2:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  455 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-837-941-2


  Query Match             100.0%;  Score 941;  DB 1;  Length 455;
  Best Local Similarity   100.0%;  Pred. No. 3.8e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
             |||||||||||||||||||||||||||||||||||||||||
Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT  12
US-08-126-016-2
; Sequence 2, Application US/08126016
; Patent No. 5811261
;  GENERAL INFORMATION:
;    APPLICANT:  WALLACH, DAVID
;    APPLICANT:  NOPHAR, YARON
;    APPLICANT:  KEMPER, OLIVER
;    APPLICANT:  ENGELMANN, HARTMUT
;    APPLICANT:  BRAKEBUSCH, CORD
;    APPLICANT:  ADERKA, DAN
;    TITLE OF INVENTION:  EXPRESSION OF THE RECOMBINANT TUMOR
;    TITLE OF INVENTION:  NECROSIS FACTOR BINDING PROTEIN I (TBP-I)
;    NUMBER OF SEQUENCES:  26
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Browdy and Neimark
;      STREET:  419 Seventh Street, N.W., Suite 300
;      CITY:  Washington
;      STATE:  DC
;      COUNTRY:  USA
;      ZIP:  20004
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/126,016
;      FILING DATE:  24-SEP-1993
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/625668
;      FILING DATE:  13-DEC-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  BROWDY, ROGER L.
;      REGISTRATION NUMBER:  25,618
;      REFERENCE/DOCKET NUMBER:  WALLACH4
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-628-5197
;      TELEFAX:  202-737-3528
;      TELEX:  248633
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  455 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-126-016-2


  Query Match             100.0%;  Score 941;  DB 2;  Length 455;
  Best Local Similarity   100.0%;  Pred. No. 3.8e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT  13
US-08-465-982-25
; Sequence 25, Application US/08465982
; Patent No. 5863786
;  GENERAL INFORMATION:
;    APPLICANT:  M.Feldmann, P.W. Gray,
;    APPLICANT:  M.J.C. Turner, F.M Brennan
;    TITLE OF INVENTION:  Modified human TNFalpha (Tumor
;    TITLE OF INVENTION:  Necrosis Factor alpha) Receptor
;    NUMBER OF SEQUENCES:  57
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Reed & Robbins
;      STREET:  635 Bryant Street
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94301
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  Patentin Release #1.0, version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/465,982
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/050,319
```

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;       FILING DATE:  10-May-1993
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Robbins, Roberta L.
;       REGISTRATION NUMBER:  33,208
;       REFERENCE/DOCKET NUMBER:  5150-0030
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (415) 617-8999
;       TELEFAX:  (415) 327-3231
;   INFORMATION FOR SEQ ID NO:  25:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  455 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-465-982-25


  Query Match             100.0%;  Score 941;  DB 2;  Length 455;
  Best Local Similarity   100.0%;  Pred. No. 3.8e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCKKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     101 SCSKCRKEMGQVEISSCTVDRDTVCGCKKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
             |||||||||||||||||||||||||||||||||||||||||
Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT  14
US-08-815-469-5
; Sequence 5, Application US/08815469
; Patent No. 6153402
;  GENERAL INFORMATION:
;    APPLICANT:  Yu, Guo-Liang
;    APPLICANT:  Ni, Jian
;    APPLICANT:  Dixit, Vishva
;    APPLICANT:  Gentz, Reiner L.
;    APPLICANT:  Dillon, Patrick J.
;    TITLE OF INVENTION:  Death Domain Containing Receptors
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Sterne, Kessler, Goldstein & Fox, P.L.L.C.
;      STREET:  1100 New York Ave., NW, Suite 600
;      CITY:  Washington
;      STATE:  DC
;      COUNTRY:  USA
;      ZIP:  20005-3934
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/815,469
;      FILING DATE:  HEREWITH
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  No. 6153402 Yet Assigned
;      FILING DATE:  06-FEB-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/028,711
;      FILING DATE:  17-OCT 1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/013,285
;      FILING DATE:  12-MAR-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Steffe, Eric K.
;       REGISTRATION NUMBER:  36,688
;       REFERENCE/DOCKET NUMBER:  [illegible]/EFS/FBM
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  202 371 2600
;       TELEFAX:  202-371-2540
;   INFORMATION FOR SEQ ID NO:  5:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  455 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  not relevant
;       TOPOLOGY:  not relevant
;     MOLECULE TYPE:  protein
US-08-815-469-5


  Query Match             100.0%;  Score 941;  DB 4;  Length 455;
  Best Local Similarity   100.0%;  Pred. No. 3.8e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCKKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     101 SCSKCRKEMGQVEISSCTVDRDTVCGCKKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
             |||||||||||||||||||||||||||||||||||||||||
Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT  15
US-09-006,358A-3
; Sequence 3, Application US/09006358A
; Patent No. 6261801
;  GENERAL INFORMATION:
;    APPLICANT:  WEI, YING-FEI
;    APPLICANT:  YU, GUO-LIANG
;    APPLICANT:  GENTZ, REINER
;    APPLICANT:  RUBEN, STEVEN
;    TITLE OF INVENTION:  TUMOR NECROSIS FACTOR RECEPTOR 5
;    NUMBER OF SEQUENCES:  26
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  HUMAN GENOME SCIENCES, INC.
;      STREET:  9410 KEY WEST AVENUE
;      CITY:  ROCKVILLE
;      STATE:  MD
;      COUNTRY:  US
;      ZIP:  20850
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/006,358A
;      FILING DATE:
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  BROOKES, ANDERS A
;      REGISTRATION NUMBER:  36,373
;      REFERENCE/DOCKET NUMBER:  PF341
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (301) 309-8504
;      TELEFAX:  (301) 309-8512
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  455 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
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US-09-006-353A-3

Query Match 100.0%; Score 941; DB 4; Length 455;
Best Local Similarity 100.0%; Pred. No. 3.8e-76;
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy       1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      41 DSVCPQGKYIHPQNNSICCIKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy      61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy     121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
           |||||||||||||||||||||||||||||||||||||||||||
Db     161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201
```

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Job time: 5461 sec